

CLAIM AMENDMENTS**RECEIVED
CENTRAL FAX CENTER****OCT 27 2004****Claim Amendment Summary****Claims pending**

- Before this Amendment: Claims 1-70.
- After this Amendment: Claims 25-36; 66-68.

Canceled or Withdrawn claims: 1-24; 37-65; 69, and 70.**Amended claims: none.****New claims: none .****Claims:****Claims 1-24 are CANCELED.**

25. (ORIGINAL) A method facilitating protection of digital signals, the method comprising:

partitioning a digital signal into segments;

for one or more segments:

- calculating statistics of a segment that are representative of that segment;
- quantizing such statistics of a segment;

generating a marked signal approximately equivalent to a combination of the digital signal and the combination of the quantized statistics of the one or more segments.

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1
2 **26. (ORIGINAL)** A method as recited in claim 25 further
3 comprising normalizing amplitude of a digital signal, wherein such signal is an
4 original, unmarked signal.

5
6 **27. (ORIGINAL)** A method as recited in claim 25 further
7 comprising transforming the signal.

8
9 **28. (ORIGINAL)** A method as recited in claim 25, wherein the
10 partitioning comprises pseudorandomly segmenting the signal.

11
12 **29. (ORIGINAL)** A method as recited in claim 25, wherein the
13 partitioning comprises pseudorandomly segmenting the signal, wherein such
14 segments are adjacent and non-contiguous.

15
16 **30. (ORIGINAL)** A method as recited in claim 25, wherein the
17 statistics of the calculating comprises one or more finite order moments of a
18 segment.

19
20 **31. (ORIGINAL)** A method as recited in claim 25 further
21 comprising determining a delta-sequence that is representative of the combination
22 of the quantized statistics of the one or more segments.

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1 **32. (ORIGINAL)** A method as recited in claim 25 further
2 comprising determining a pseudorandom delta-sequence that when combined with
3 the digital signal approximate a combination of the digital signal and the quantized
4 statistics of the one or more segments.

5
6 **33. (ORIGINAL)** A method as recited in claim 25, wherein the
7 generating comprises embedding a watermark via quantization index modulation
8 (QIM).

9
10 **34. (ORIGINAL)** A modulated signal generated in accordance
11 with the acts recited in claim 25.

12
13 **35. (ORIGINAL)** A computer-readable medium having computer-
14 executable instructions that, when executed by a computer, performs the method
15 as recited in claim 25.

16
17 **36. (ORIGINAL)** A computer comprising one or more computer-
18 readable media having computer-executable instructions that, when executed by
19 the computer, perform the method as recited in claim 25.

20
21 Claims 37-65 are CANCELED.
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1 66. A system for facilitating the protection of digital signals, the system
2 comprising:

3 a partitioner configured to segment a digital signal;
4 a segment-statistics calculator configured to calculate statistics of a segment
5 that are representative of that segment;
6 a segment quantizer configured to quantize such statistics of a segment
7 a signal marker configured to generate a marked signal approximately
8 equivalent to a combination of the digital signal and the combination of the
9 quantized statistics of the one or more segments.

10 67. A system as recited in claim 66, wherein the partitioner is further
11 configured to pseudorandomly segment the signal.

12 68. A system as recited in claim 66, wherein the partitioner is further
13 configured to pseudorandomly segment the signal, wherein such segments are
14 adjacent and non-contiguous.

15 Claims 69 and 70 are CANCELED.

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